

will be easier, the cost will be lower, and the whole circuit can be integrated in one semiconductor chip, etc., can be obtained.

I CLAIM:

--1. Overdrive circuit which has
a switching element,
a first current source which supplies a first current,
a second current source which supplies a second current
which is smaller than the aforementioned first current,
a first circuit which operates the aforementioned first
current source for a predetermined time period from the time of
the starting of the driving of the aforementioned switching
element, and supplies the aforementioned first current as the
driving current for the aforementioned switching element,
and a second circuit which stops the operation of the first
current source by means of the aforementioned first circuit after
the aforementioned predetermined time has passed, operates the
aforementioned second current source, and supplies the
aforementioned second current as the driving current for the
aforementioned switching element.--

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